

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
 Data File : BG027043.D
 Acq On : 19 May 2017 17:01
 Operator : SJ/MA
 Sample : I3137-07
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC36

Quant Time: May 19 17:45:36 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 17:37:52 2017
 Response via : Initial Calibration

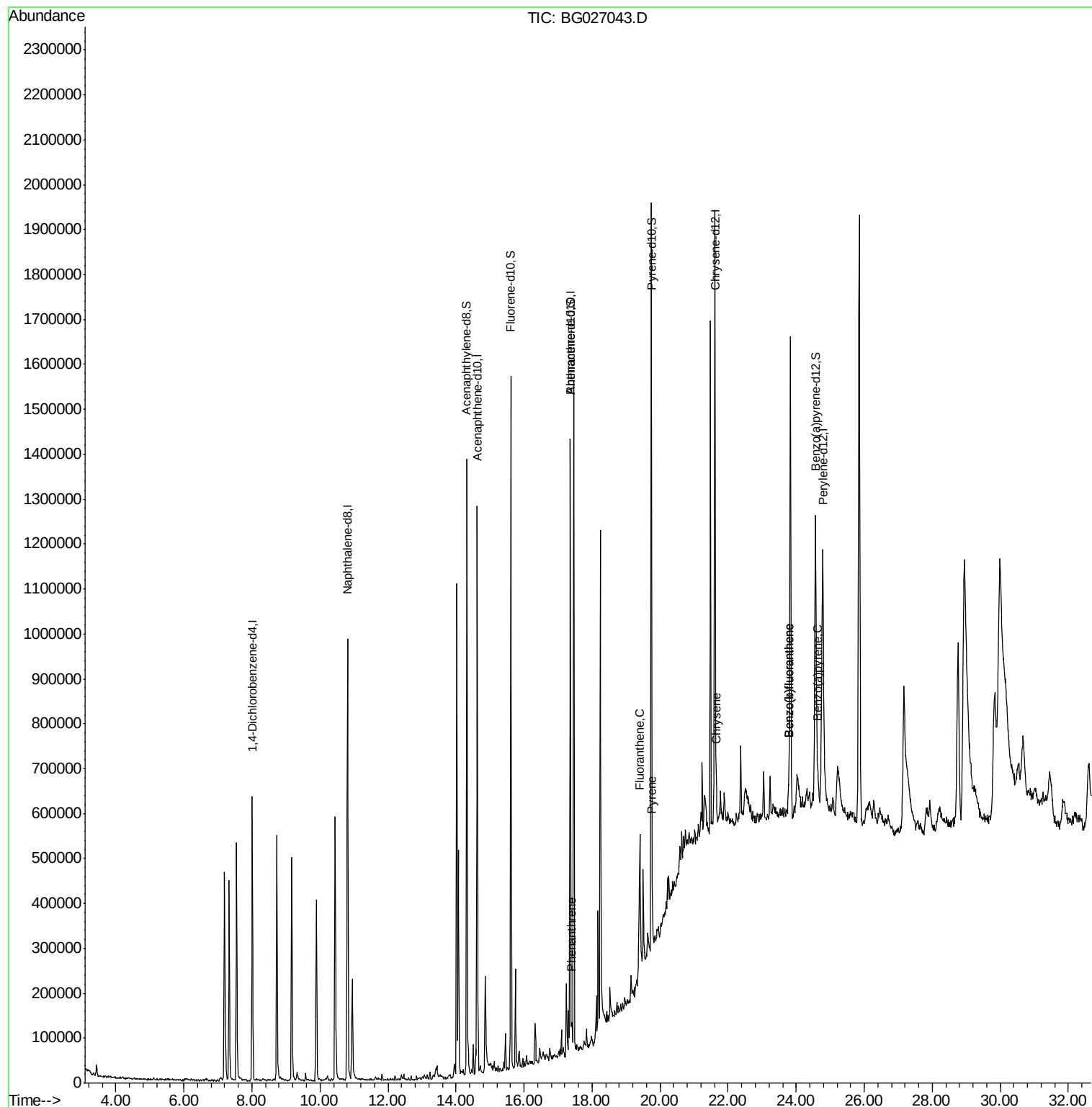
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	193009	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	891808	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	442538	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	791683	20.00	ng/ul	0.00
17) Chrysene-d12	21.61	240	721761	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	641882	20.00	ng/ul	0.03
System Monitoring Compounds						
7) Acenaphthylene-d8	14.32	160	984638	21.69	ng/ul	0.00
10) Fluorene-d10	15.61	176	616865	20.37	ng/ul	0.00
14) Anthracene-d10	17.36	188	791683	20.51	ng/ul	-0.09
18) Pyrene-d10	19.74	212	807612	21.43	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	669070	20.98	ng/ul	0.02
Target Compounds						
13) Phenanthrene	17.40	178	44651	1.01	ng/ul	Qvalue 97
16) Fluoranthene	19.40	202	87136	1.93	ng/ul#	85
19) Pyrene	19.77	202	76276	1.62	ng/ul#	88
21) Chrysene	21.66	228	50766	1.27	ng/ul#	91
23) Benzo(b)fluoranthene	23.78	252	73692	1.93	ng/ul#	80
24) Benzo(k)fluoranthene	23.78	252	73692	1.88	ng/ul#	80
26) Benzo(a)pyrene	24.63	252	37790	1.01	ng/ul#	72

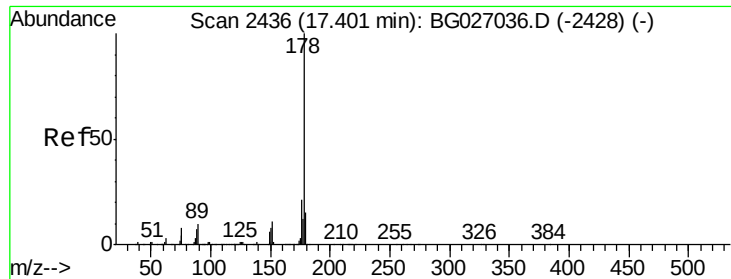
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Phenanthrene

Concen: 1.01 ng/ul

RT: 17.40 min Scan# 2436

Delta R.T. 0.01 min

Lab File: BG027043.D

Acq: 19 May 2017 17:01

Instrument :

BNA_G

ClientSampleId :

DAC36

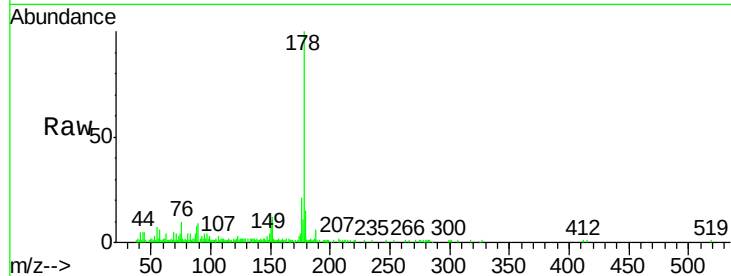
Tgt Ion:178 Resp: 44651

Ion Ratio Lower Upper

178 100

179 15.2 12.3 18.5

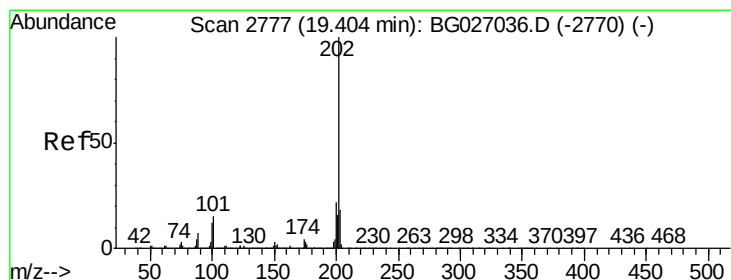
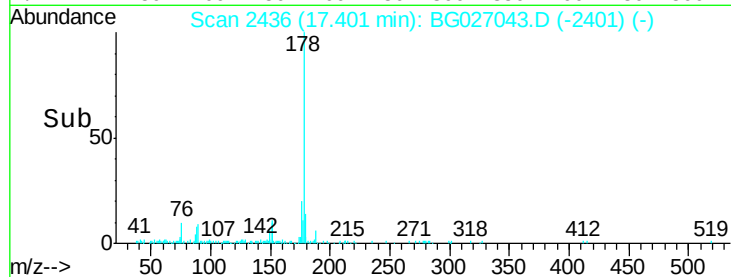
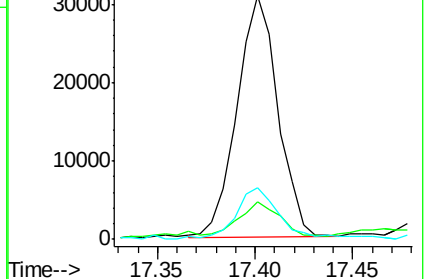
176 21.1 15.1 22.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#16

Fluoranthene

Concen: 1.93 ng/ul

RT: 19.40 min Scan# 2777

Delta R.T. 0.01 min

Lab File: BG027043.D

Acq: 19 May 2017 17:01

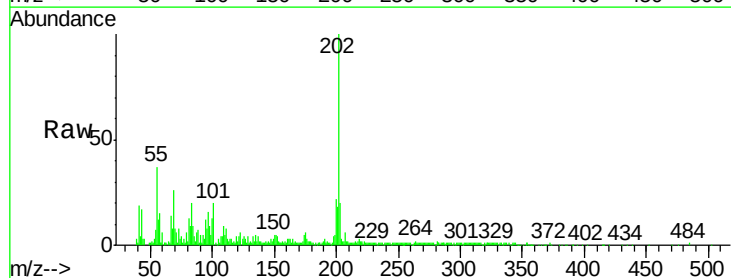
Tgt Ion:202 Resp: 87136

Ion Ratio Lower Upper

202 100

101 19.8 9.9 14.9#

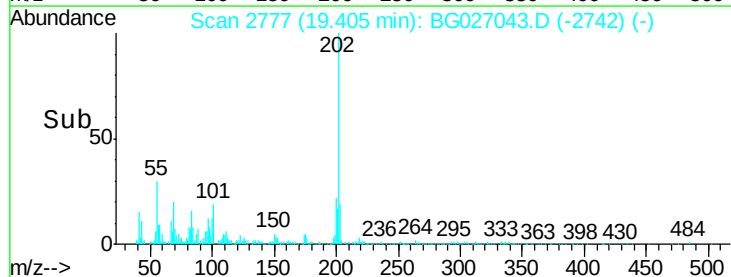
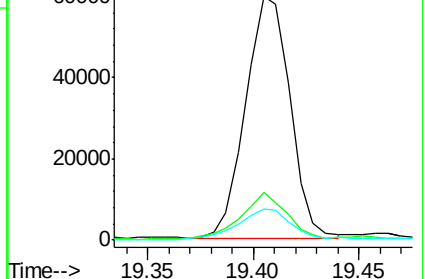
100 12.5 7.4 11.0#

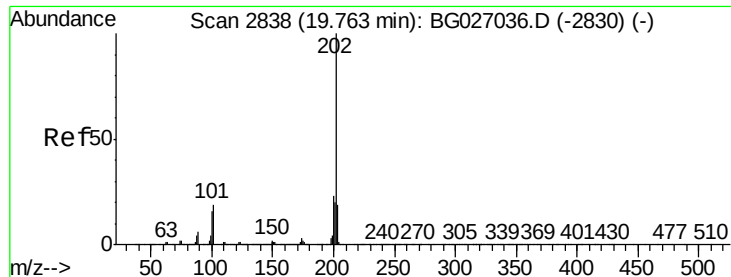


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#19

Pyrene

Concen: 1.62 ng/ul

RT: 19.77 min Scan# 2839

Delta R.T. 0.01 min

Lab File: BG027043.D

Acq: 19 May 2017 17:01

Instrument :

BNA_G

ClientSampleId :

DAC36

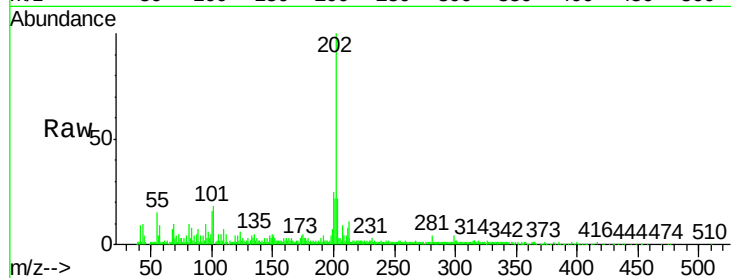
Tgt Ion:202 Resp: 76276

Ion Ratio Lower Upper

202 100

101 17.9 11.0 16.4#

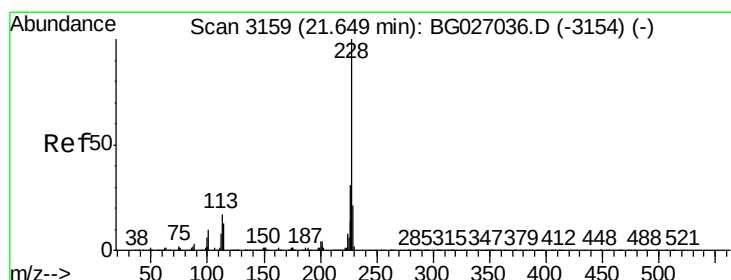
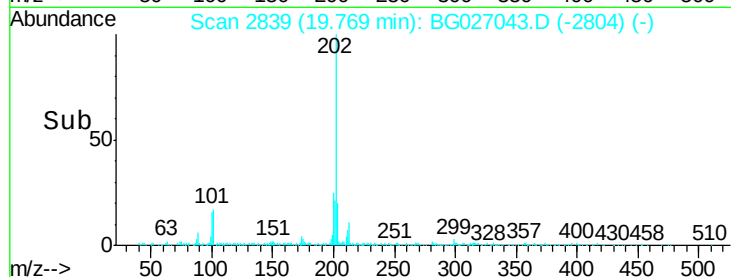
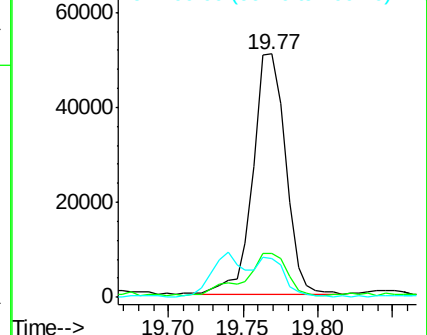
100 15.7 8.1 12.1#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#21

Chrysene

Concen: 1.27 ng/ul

RT: 21.66 min Scan# 3160

Delta R.T. 0.01 min

Lab File: BG027043.D

Acq: 19 May 2017 17:01

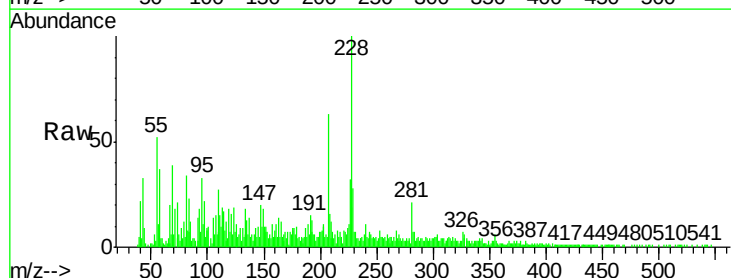
Tgt Ion:228 Resp: 50766

Ion Ratio Lower Upper

228 100

226 32.0 24.5 36.7

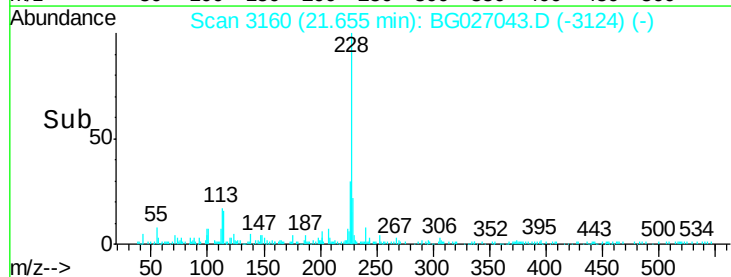
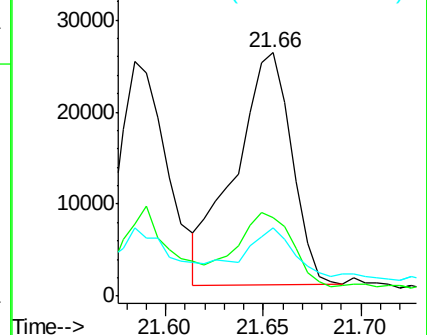
229 28.0 15.8 23.8#

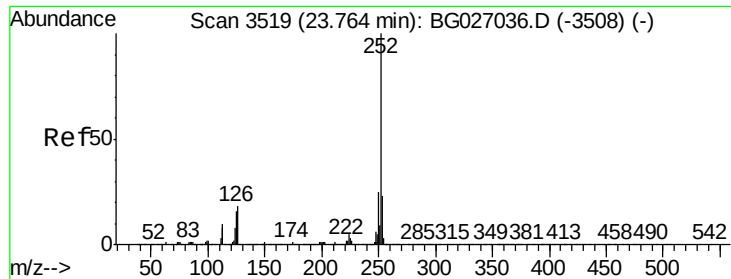


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 1.93 ng/ul

RT: 23.78 min Scan# 3521

Delta R.T. 0.02 min

Lab File: BG027043.D

Acq: 19 May 2017 17:01

Instrument :

BNA_G

ClientSampleId :

DAC36

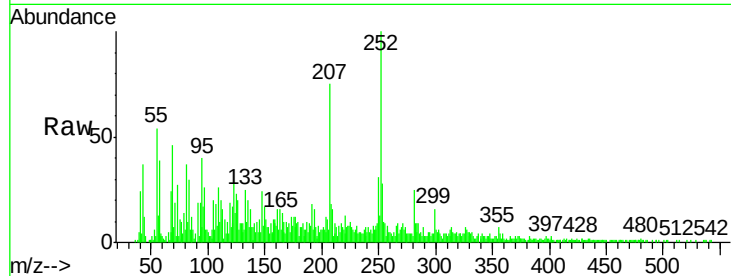
Tgt Ion:252 Resp: 73692

Ion Ratio Lower Upper

252 100

253 28.3 18.0 27.0#

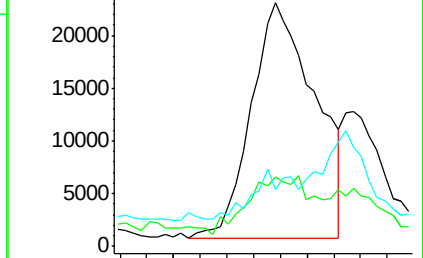
125 23.5 8.0 12.0#



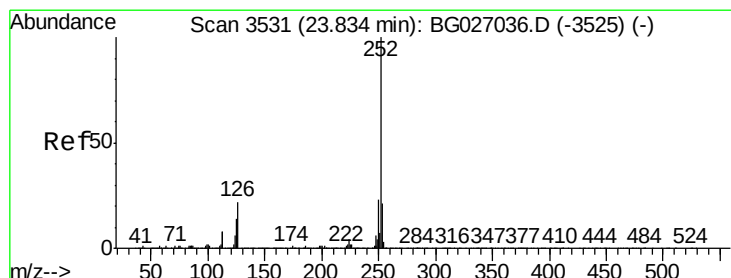
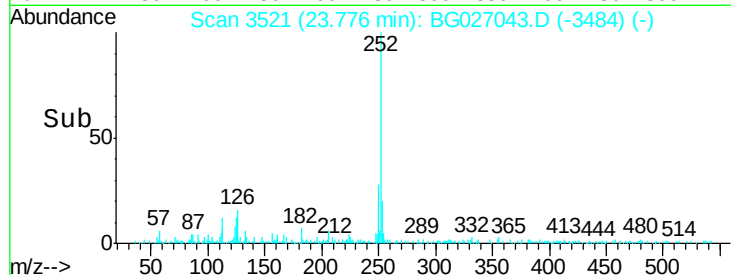
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#24

Benzo(k)fluoranthene

Concen: 1.88 ng/ul

RT: 23.78 min Scan# 3521

Delta R.T. -0.05 min

Lab File: BG027043.D

Acq: 19 May 2017 17:01

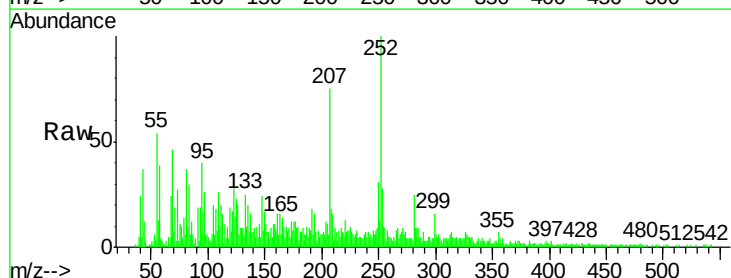
Tgt Ion:252 Resp: 73692

Ion Ratio Lower Upper

252 100

253 28.3 18.0 27.0#

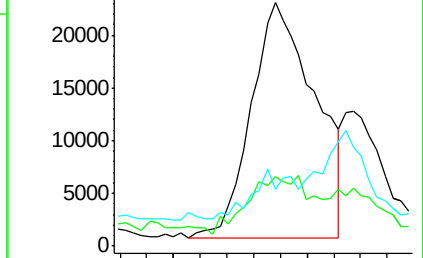
125 23.5 8.1 12.1#



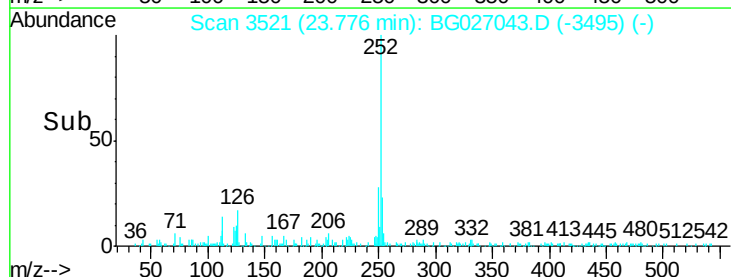
Abundance Ion 252.00 (251.70 to 252.70): E

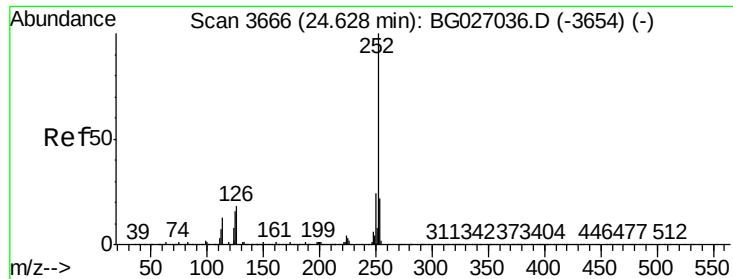
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#26

Benzo(a)pyrene

Concen: 1.01 ng/ul

RT: 24.63 min Scan# 3667

Delta R.T. 0.02 min

Lab File: BG027043.D

Acq: 19 May 2017 17:01

Instrument :

BNA_G

ClientSampleId :

DAC36

Tgt Ion: 252 Resp: 37790

Ion Ratio Lower Upper

252 100

253 26.4 17.2 25.8#

125 34.0 8.2 12.4#

